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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing    OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	1700.118
	First Named Inventor	Hayes et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	Concurrently Herewith
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**REACTION AND TEMPERATURE CONTROL FOR HIGH POWER MICROWAVE-ASSISTED CHEMISTRY TECHNIQUES**

the specification of which (Title of the Invention)

☒ Is attached hereto

OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT InternationalApplication Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Country	Priority Not Claimed	Certified Copy Attached?	
					YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

{Page 1 of 2}

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number or Bar Code Label ☐ Correspondence address below

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name	Brittany L.		Family Name or Surname	Hayes	
Inventor's Signature	<i>Brittany L. Hayes</i>				Date
Residence: City	State	Country	Citizenship		
Charlotte	North Carolina	USA	US		
Mailing Address 4112 Bannockburn Place, Apt. B					
Mailing Address					
City	State	ZIP	Country		
Charlotte	North Carolina	28211	USA		

**NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name	Michael J.		Family Name or Surname	Collins	
Inventor's Signature	<i>Michael J. Collins</i>				Date
Residence: City	State	Country	Citizenship		
Charlotte	North Carolina	USA	US		
Mailing Address 10225 Thomas Payne Road					
Mailing Address					
City	State	ZIP	Country		
Charlotte	North Carolina	28277	USA		

☐ Additional Inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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PTO/SB/81 (10-00)  
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<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</b>	<b>Application Number</b>	<b>To Be Assigned</b>
	<b>Filing Date</b>	<b>Concurrently Herewith</b>
	<b>First Named Inventor</b>	<b>Hayes et al</b>
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	<b>1700.118</b>

I hereby appoint:

☒ Practitioners at Customer Number

021176

Place Customer  
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Label here☐ Practitioner(s) named below:

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

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I am the:

☒ Applicant.☐ Assignee of record of the entire interest. See 37 CFR 3.71.*Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).***SIGNATURE of Applicant or Assignee of Record**

<b>Name</b>	Michael J. Collins
<b>Signature</b>	<i>Michael J. Collins</i>
<b>Date</b>	6/26/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 2 forms are submitted.

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	<b>First Named Inventor</b>	<b>Hayes et al</b>
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	<b>1700.118</b>

I hereby appoint:

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I am the:

☒ Applicant.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

*Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*
**SIGNATURE of Applicant or Assignee of Record**

<b>Name</b>	Brittany L. Hayes
<b>Signature</b>	<i>Brittany L. Hayes</i>
<b>Date</b>	6/26/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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